

## Flood Crest Occurences by One Foot Intervals: Rockaway River at Boonton below Reservoir

Latitude: 40.867

Flood Stage: 5

Period of Record: 1903-Present

Last Flood: 2/25/2016

Longitude: -74.395

Number of Floods: 84

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence |
|-----------------------------------------|--------------------------------|
| 5 ft to 5.99 ft                         | 36                             |
| 6 ft to 6.99 ft                         | 28                             |
| 7 ft to 7.99 ft                         | 13                             |
| 8 ft to 8.99 ft                         | 6                              |
| 9 ft to 9.99 ft                         | 1                              |
| 10 ft to 10.99 ft                       | 0                              |
| 11 ft to 11.99 ft                       | 0                              |
| 12 ft to 12.99 ft                       | 0                              |
| 13 ft to 13.99 ft                       | 0                              |
| 14 ft to 14.99 ft                       | 0                              |

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence |
|-----------------------------------------|--------------------------------|
| 15 ft to 15.99 ft                       | 0                              |
| 16 ft to 16.99 ft                       | 0                              |
| 17 ft to 17.99 ft                       | 0                              |
| 18 ft to 18.99 ft                       | 0                              |
| 19 ft to 19.99 ft                       | 0                              |
| 20 ft to 20.99 ft                       | 0                              |
| 21 ft to 21.99 ft                       | 0                              |
| 22 ft to 22.99 ft                       | 0                              |
| 23 ft to 23.99 ft                       | 0                              |
| 24 ft to 24.99 ft                       | 0                              |

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurence |
|-----------------------------------------|--------------------------------|
| 25 ft to 25.99 ft                       | 0                              |
| 26 ft to 26.99 ft                       | 0                              |
| 27 ft to 27.99 ft                       | 0                              |
| 28 ft to 28.99 ft                       | 0                              |
| 29 ft to 29.99 ft                       | 0                              |
| 30 ft to 30.99 ft                       | 0                              |
| 31 ft to 31.99 ft                       | 0                              |
| 32 ft to 32.99 ft                       | 0                              |
| 33 ft to 33.99 ft                       | 0                              |
| 34 ft to 34.99 ft                       | 0                              |

Drainage Area: 119 sq mi  
Gage Datum: 195.68 ft MSL

Created 6/7/2016 12:29:52 PM

Data represents all historical floods.  
Passaic Basin

County of Gage: Morris  
County of Forecast Point: Morris

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| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurrence | Percent of Flood<br>Crest Occurrence |
|-----------------------------------------|---------------------------------|--------------------------------------|
| 5 ft to 5.99 ft                         | 36                              | 42.9                                 |
| 6 ft to 6.99 ft                         | 28                              | 33.3                                 |
| 7 ft to 7.99 ft                         | 13                              | 15.5                                 |
| 8 ft to 8.99 ft                         | 6                               | 7.1                                  |
| 9 ft to 9.99 ft                         | 1                               | 1.2                                  |
| 10 ft to 10.99 ft                       | 0                               | 0                                    |
| 11 ft to 11.99 ft                       | 0                               | 0                                    |
| 12 ft to 12.99 ft                       | 0                               | 0                                    |
| 13 ft to 13.99 ft                       | 0                               | 0                                    |
| 14 ft to 14.99 ft                       | 0                               | 0                                    |
| 15 ft to 15.99 ft                       | 0                               | 0                                    |
| 16 ft to 16.99 ft                       | 0                               | 0                                    |
| 17 ft to 17.99 ft                       | 0                               | 0                                    |
| 18 ft to 18.99 ft                       | 0                               | 0                                    |
| 19 ft to 19.99 ft                       | 0                               | 0                                    |

| Flood Crest-Height<br>above Flood Stage | Total Flood Crest<br>Occurrence | Percent of Flood<br>Crest Occurrence |
|-----------------------------------------|---------------------------------|--------------------------------------|
| 20 ft to 20.99 ft                       | 0                               | 0                                    |
| 21 ft to 21.99 ft                       | 0                               | 0                                    |
| 22 ft to 22.99 ft                       | 0                               | 0                                    |
| 23 ft to 23.99 ft                       | 0                               | 0                                    |
| 24 ft to 24.99 ft                       | 0                               | 0                                    |
| 25 ft to 25.99 ft                       | 0                               | 0                                    |
| 26 ft to 26.99 ft                       | 0                               | 0                                    |
| 27 ft to 27.99 ft                       | 0                               | 0                                    |
| 28 ft to 28.99 ft                       | 0                               | 0                                    |
| 29 ft to 29.99 ft                       | 0                               | 0                                    |
| 30 ft to 30.99 ft                       | 0                               | 0                                    |
| 31 ft to 31.99 ft                       | 0                               | 0                                    |
| 32 ft to 32.99 ft                       | 0                               | 0                                    |
| 33 ft to 33.99 ft                       | 0                               | 0                                    |
| 34 ft to 34.99 ft                       | 0                               | 0                                    |

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| Flood Crest-Height<br>above Flood Stage | Cumulative Total<br>Flood Occurrence | Cumulative Percent<br>of Flood Occurrence |
|-----------------------------------------|--------------------------------------|-------------------------------------------|
| 5 ft to 5.99 ft                         | 84                                   | 100                                       |
| 6 ft to 6.99 ft                         | 48                                   | 57.1                                      |
| 7 ft to 7.99 ft                         | 20                                   | 23.8                                      |
| 8 ft to 8.99 ft                         | 7                                    | 8.3                                       |
| 9 ft to 9.99 ft                         | 1                                    | 1.2                                       |
| 10 ft to 10.99 ft                       | 0                                    | 0                                         |
| 11 ft to 11.99 ft                       | 0                                    | 0                                         |
| 12 ft to 12.99 ft                       | 0                                    | 0                                         |
| 13 ft to 13.99 ft                       | 0                                    | 0                                         |
| 14 ft to 14.99 ft                       | 0                                    | 0                                         |
| 15 ft to 15.99 ft                       | 0                                    | 0                                         |
| 16 ft to 16.99 ft                       | 0                                    | 0                                         |
| 17 ft to 17.99 ft                       | 0                                    | 0                                         |
| 18 ft to 18.99 ft                       | 0                                    | 0                                         |
| 19 ft to 19.99 ft                       | 0                                    | 0                                         |

| Flood Crest-Height<br>above Flood Stage | CumulativeTotal<br>Flood Occurrence | Cumulative Percent<br>of Flood Occurrence |
|-----------------------------------------|-------------------------------------|-------------------------------------------|
| 20 ft to 20.99 ft                       | 0                                   | 0                                         |
| 21 ft to 21.99 ft                       | 0                                   | 0                                         |
| 22 ft to 22.99 ft                       | 0                                   | 0                                         |
| 23 ft to 23.99 ft                       | 0                                   | 0                                         |
| 24 ft to 24.99 ft                       | 0                                   | 0                                         |
| 25 ft to 25.99 ft                       | 0                                   | 0                                         |
| 26 ft to 26.99 ft                       | 0                                   | 0                                         |
| 27 ft to 27.99 ft                       | 0                                   | 0                                         |
| 28 ft to 28.99 ft                       | 0                                   | 0                                         |
| 29 ft to 29.99 ft                       | 0                                   | 0                                         |
| 30 ft to 30.99 ft                       | 0                                   | 0                                         |
| 31 ft to 31.99 ft                       | 0                                   | 0                                         |
| 32 ft to 32.99 ft                       | 0                                   | 0                                         |
| 33 ft to 33.99 ft                       | 0                                   | 0                                         |
| 34 ft to 34.99 ft                       | 0                                   | 0                                         |

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